INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20010714
TAPE NR:
OBSERVER: M G Watson
PROGRAMME: XMM Imaging Programme
PATT/CAT REF.: WFS3
TELESCOPE OPERATOR: C. Martin
SUPPORT ASTRONOMER: T. Augusteijn

TELESCOPE FOCUS: 43.92 mm
CALIBRATE RESULTS: not specified

INSTRUMENT: WFC

WFC FILTER WHEEL: U, g, r, i, Z, Ha

WEATHER: (1st half) good
(2nd half) good
CLOUD COVER (%): (1st half) 0
(2nd half) 0
DUST (0-2): (1st half) 1
(2nd half) 1
SEEING (arcsec): (1st half) 1.1
(2nd half) 1.1

DOME OPENED (UT): 19:35

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
21:00	18.8	14	20.4	24.7	339	776.3	19.2	21.0	21.1	14	12
22:00	18.3	14	20.1	22.0	330	776.8	18.9	19.9	20.9	13	12
23:00	17.7	12	30.0	30.5	328	777.3	18.3	19.2	20.5	11	11
00:00	17.9	14	25.7	27.1	322	777.4	18.5	19.3	20.2	12	12
01:00	18.0	14	25.0	27.7	320	777.3	18.7	19.2	19.9	12	13
02:00	18.0	13	25.4	28.5	318	777.0	18.6	18.8	19.8	12	13
03:00	17.8	14	20.5	23.6	292	776.8	18.3	18.7	19.7	12	13
04:00	17.9	14	19.4	20.7	278	776.4	18.5	18.9	19.4	13	14
05:00	17.4	14	22.9	25.6	320	776.1	18.0	18.3	19.7	12	13
06:00	17.4	13	29.4	32.7	314	776.0	18.1	18.1	19.3	11	13

SUNSET(UT) 20:20
EVENING TWILIGHT(UT) 21:44
MORNING TWILIGHT(UT) 04:51
SUNRISE(UT) 06:15
MOON'S QUARTER (1-4) 4
DISK % OF ILLUM. 38
DARK TIME 07:07
TWILIGHT TIME 02:48
MOONRISE(UT) 01:38
MOONSET(UT) No moonset within sunset-sunrise

TIME LOST(WEATHER): 00:00
TIME LOST(TECHNICAL): 00:00
TIME LOST(OTHER): 00:00:35

COMMENTS:
Dust caused problems at high airmass
and with sky brightness in direction of moon

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
267661	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.578	180.1	16:34:36.0	0.0	Halpha	Narrow-ban	1 x 1	
267662	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.578	180.1	16:35:15.7	0.0	Halpha	Narrow-ban	1 x 1	
267663	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.578	180.1	16:35:56.1	0.0	Halpha	Narrow-ban	1 x 1	
267664	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.578	180.1	16:36:35.3	0.0	Halpha	Narrow-ban	1 x 1	
267665	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.578	180.1	16:37:14.2	0.0	Halpha	Narrow-ban	1 x 1	
267666	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.578	180.1	16:37:53.3	0.0	Halpha	Narrow-ban	1 x 1	
267667	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.578	180.1	16:38:32.3	0.0	Halpha	Narrow-ban	1 x 1	
267668	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.578	180.1	16:39:11.4	0.0	Halpha	Narrow-ban	1 x 1	
267669	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.578	180.1	16:39:50.4	0.0	Halpha	Narrow-ban	1 x 1	
267670	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.578	180.1	16:40:29.4	0.0	Halpha	Narrow-ban	1 x 1	
267671	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.578	180.1	17:02:04.7	0.0	Halpha	Narrow-ban	1 x 1	
267673	Flat field	15:02:00.00	+29:55:00.0	J2000.00	1.001	180.1	20:31:21.9	3.3	U	RGO	1 x 1	
267674	Flat field	15:01:59.99	+29:54:59.9	J2000.00	1.001	180.1	20:33:17.8	6.1	U	RGO	1 x 1	
267675	Flat field	15:02:01.53	+29:55:20.1	J2000.00	1.001	180.1	20:35:25.3	10.1	U	RGO	1 x 1	
267676	Flat field	15:01:58.46	+29:54:39.9	J2000.00	1.000	180.1	20:37:08.6	14.6	U	RGO	1 x 1	
267677	Flat field	15:01:56.92	+29:54:19.9	J2000.00	1.000	180.1	20:38:43.4	24.1	U	RGO	1 x 1	
267678	Flat field	15:01:56.92	+29:54:20.0	J2000.00	1.000	180.1	20:40:27.8	19.6	z	Gunn	1 x 1	
267679	Flat field	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	20:42:08.4	30.1	z	Gunn	1 x 1	
267680	Flat field	15:01:58.46	+29:54:39.9	J2000.00	1.000	180.1	20:44:51.8	59.4	z	Gunn	1 x 1	
267681	Flat field	15:01:58.46	+29:54:40.0	J2000.00	1.000	180.1	20:47:13.6	28.0	r	Sloan	1 x 1	
267682	Flat field	15:01:59.99	+29:54:59.9	J2000.00	1.001	180.1	20:49:04.9	45.1	r	Sloan	1 x 1	
267683	Flat field	15:02:03.07	+29:55:40.1	J2000.00	1.001	180.1	20:51:40.7	70.9	r	Sloan	1 x 1	
267684	Flat field	15:01:56.92	+29:54:19.9	J2000.00	1.001	180.1	20:54:26.5	120.0	r	Sloan	1 x 1	
267686	Focus run	15:39:18.80	-00:13:30.0	J2000.00	1.144	180.1	21:10:45.8	10.1	r	Sloan	1 x 1	
267687	sa107-602	15:39:18.80	-00:11:29.9	J2000.00	1.143	180.1	21:16:07.3	10.1	r	Sloan	1 x 1	mis-point
267688	sa107-602	15:39:18.79	-00:15:30.0	J2000.00	1.143	180.1	21:19:18.2	10.1	r	Sloan	1 x 1	saturated
267689	sa107-602	15:39:18.79	-00:15:29.9	J2000.00	1.143	180.1	21:23:21.3	5.1	r	Sloan	1 x 1	defocus
267690	A1837	14:01:45.49	-11:05:37.2	J2000.00	1.513	180.1	21:32:46.5	599.4	r	Sloan	1 x 1	
267691	MS1229	12:31:55.31	+64:16:20.9	J2000.00	1.545	180.1	21:51:00.7	599.5	r	Sloan	1 x 1	
267692	HD117555	13:30:58.36	+24:15:59.0	J2000.00	1.317	180.1	22:07:42.2	599.6	r	Sloan	1 x 1	
267694	RXJ1334	13:34:35.93	+50:32:53.9	J2000.00	1.409	180.1	22:40:30.3	599.5	r	Sloan	1 x 1	
267695	QSO1345	13:48:00.38	+58:14:41.9	J2000.00	1.439	180.1	22:54:09.2	147.0	r	Sloan	1 x 1	AG problem
267696	QSO1345	13:48:00.38	+58:14:42.0	J2000.00	1.464	180.1	22:57:42.5	599.6	r	Sloan	1 x 1	
267697	PG1404	14:06:33.02	+22:25:46.6	J2000.00	1.477	180.1	23:11:44.2	599.4	r	Sloan	1 x 1	
267698	A1795	13:49:04.68	+26:37:31.9	J2000.00	1.656	180.1	23:25:34.4	599.4	r	Sloan	1 x 1	
267699	WJ1350	13:51:10.58	+60:09:32.0	J2000.00	1.641	180.1	23:42:20.0	599.5	r	Sloan	1 x 1	
267700	WR110	18:08:08.10	-19:21:56.9	J2000.00	1.500	180.1	23:56:31.4	599.4	r	Sloan	1 x 1	
267701	PDS456	17:28:30.51	-14:13:55.9	J2000.00	1.436	180.1	00:10:07.2	599.3	r	Sloan	1 x 1	
267702	PDS456	17:28:30.52	-14:13:56.0	J2000.00	1.478	180.1	00:21:38.3	1198.8	z	Gunn	1 x 1	
267703	NGC6240	16:53:09.51	+02:26:04.0	J2000.00	1.345	180.1	00:45:29.8	599.5	r	Sloan	1 x 1	
267704	NGC7009	21:04:21.30	-11:19:49.9	J2000.00	1.444	180.1	01:03:47.0	599.3	r	Sloan	1 x 1	
267705	NGC7010	21:04:50.64	-12:18:18.0	J2000.00	1.420	180.1	01:20:32.1	599.5	r	Sloan	1 x 1	
267706	sa113-163	21:42:35.50	+00:16:45.9	J2000.00	1.269	180.1	01:36:30.7	20.1	r	Sloan	1 x 1	
267707	PB5062	22:05:20.11	-01:53:17.8	J2000.00	1.337	180.1	01:42:26.3	599.4	r	Sloan	1 x 1	
267708	PKS2126	21:29:22.48	-15:36:40.9	J2000.00	1.470	180.1	01:57:31.9	599.4	r	Sloan	1 x 1	
267710	PKS2135	21:37:55.72	-14:30:55.4	J2000.00	1.430	180.1	02:11:51.7	599.0	r	Sloan	1 x 1	
267711	ms2137	21:40:26.02	-23:37:41.0	J2000.00	1.684	180.1	02:26:57.5	599.4	r	Sloan	1 x 1	
267712	LBQS2212	22:15:42.80	-17:42:05.7	J2000.00	1.520	180.1	02:41:54.9	1198.7	r	Sloan	1 x 1	
267713	ZAnd	23:33:55.08	+48:51:05.9	J2000.00	1.161	180.1	03:07:56.0	599.5	r	Sloan	1 x 1	
267714	IRAS2249	22:51:59.91	-17:50:23.3	J2000.00	1.524	180.1	03:22:46.7	599.4	r	Sloan	1 x 1	
267715	NGC507	1:24:11.94	+33:14:04.9	J2000.00	1.359	180.1	03:38:36.8	599.5	r	Sloan	1 x 1	
267716	MS0205	2:08:50.57	+35:25:12.0	J2000.00	1.514	180.1	03:51:57.9	599.5	r	Sloan	1 x 1	
267717	G13369Pos_1	1:04:34.26	-06:21:59.8	J2000.00	1.558	180.1	04:10:06.8	599.5	r	Sloan	1 x 1	
267718	Abell2690	0:00:41.35	-25:05:29.8	J2000.00	1.800	180.1	04:25:59.7	599.5	r	Sloan	1 x 1	
267719	SDS2	2:19:46.33	-04:57:59.9	J2000.00	1.817	180.1	04:41:48.2	899.1	r	Sloan	1 x 1	
267720	GRB010220	2:37:20.64	+61:47:57.6	J2000.00	1.422	180.1	05:03:36.3	199.9	r	Sloan	1 x 1	
267721	sa92-335	0:54:58.30	+00:44:00.9	J2000.00	1.212	180.1	05:10:00.6	30.1	r	Sloan	1 x 1	
267722	sa92-335	0:54:58.30	+00:44:00.9	J2000.00	1.204	180.1	05:13:54.0	20.1	r	Sloan	1 x 1	
267723	Flat field	2:58:00.00	-00:06:00.0	J2000.00	1.617	180.1	05:35:34.5	103.3	r	Sloan	1 x 1	
267724	Flat field	2:58:01.33	-00:05:40.0	J2000.00	1.589	180.1	05:40:05.6	44.6	r	Sloan	1 x 1	
267725	Flat field	2:57:58.66	-00:06:19.9	J2000.00	1.576	180.1	05:42:13.4	30.1	r	Sloan	1 x 1	

267726	Flat field	2:57:57.33	-00:06:40.1	J2000.00	1.563	180.1	05:44:17.8	20.1	r	Sloan	1 x 1
267727	Flat field	2:58:02.66	-00:05:19.9	J2000.00	1.550	180.1	05:46:18.8	14.1	r	Sloan	1 x 1